The GP750 is a modular rack mount system designed to automate fiber optic testing, and can be made with combinations of fiber optic switches, variable optical attenuators, tunable optical filters and other optical components.

**PLUG AND PLAY MODULARITY**
The GP750 can accommodate up to eight hot swappable, plug-and-play optical modules. This allows optical modules to be added or changed as test requirements change in the future.

**INTUITIVE FRONT PANEL**
The status of every optical module is displayed in a graphical window, and the user can intuitively navigate to every optical component to review the status or manually change the state.

**ETHERNET, GPIB OR RS-232**
The GP750 can be automated through the Ethernet, GPIB or RS-232 port. Control is via simple text commands, making it easy to embed control into a larger automation program.

**GP700 EMULATION MODE**
The GP750 can be operated in a GP700 emulation mode. This makes it possible for the GP750 to be used in place of a GP700 with no changes to an existing automation program.
GP750 FIBER OPTIC TEST PLATFORM

OPTICAL MODULE OPTIONS
A wide array of optical modules are available for the GP750, with either standard or custom options such as special fiber types, wavelength ranges, etc. In addition, different components can be combined together to create custom configurations.

1XN SWITCH

DUPLEX SWITCH

MATRIX SWITCH

MxN BLOCKING SWITCH

2X2 SWITCH

ON-OFF SWITCH

VARIABLE ATTENUATOR

TUNABLE FILTER

CUSTOM CONFIGURATION EXAMPLE
ENVIRONMENTAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temp</td>
<td>0 to 50 ºC</td>
</tr>
<tr>
<td>Storage Temp</td>
<td>-20 to 60 ºC</td>
</tr>
<tr>
<td>Humidity</td>
<td>-40 °C, 90% RH, 5 days</td>
</tr>
</tbody>
</table>

INTERFACE SPECIFICATIONS

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>Manual, GPIB, RS232, Ethernet</td>
</tr>
<tr>
<td>Display Type</td>
<td>TFT LCD</td>
</tr>
<tr>
<td>Display Size</td>
<td>72 x 52.6 mm</td>
</tr>
<tr>
<td>Display Resolution</td>
<td>640 x 480</td>
</tr>
<tr>
<td>Video Output</td>
<td>VGA</td>
</tr>
</tbody>
</table>

MECHANICAL DIMENSIONS

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chassis Type</td>
<td>19&quot; 4U Rackmount</td>
</tr>
<tr>
<td>Chassis Dimensions</td>
<td>483 x 178 x 458 mm</td>
</tr>
<tr>
<td>Plug-In Module Slots</td>
<td>8</td>
</tr>
<tr>
<td>Plug-In Module Access</td>
<td>Front or Rear</td>
</tr>
</tbody>
</table>

ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>RATING</th>
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<tbody>
<tr>
<td>Input Power</td>
<td>250 VA max.</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>90 - 264 VAC</td>
</tr>
<tr>
<td>External Fuse</td>
<td>2 A typ.</td>
</tr>
<tr>
<td>AC Input Leakage Current</td>
<td>3.5 mA max.</td>
</tr>
</tbody>
</table>
GP750 FIBER OPTIC TEST PLATFORM

ORDERING INFORMATION

The GP750 includes a 4U chassis with front or rear optical plug-in module access, a control module and a power module, as well as up to 8 optical plug-in modules. To order, please include:

1 GP750 Chassis (Ex: GP750-4U-FRONT)
1 Controller Module (Ex: GP750-4U-CTRL)
1 Power Module (Ex: GP750-4U-PWR)
Up to 8 Optical Plug-In Modules

Sample Order

For a front loading GP750 system containing two 1x16 switches and one 16x8 3D matrix switch, the following would need to be ordered:

Qty 1 of GP750 Chassis
P/N: GP750-4U-FRONT

Qty 1 of GP750 Control Module
P/N: GP750-4U-CTRL

Qty 1 of GP750 Power Module
P/N: GP750-4U-PWR

Qty 2 of GP750 1x16 Switch Module
P/N: GPM-1S-1/1x16-15-9-FC/APC

Qty 1 of GP750 16x8 3D Matrix Switch Module
P/N: GPX-2S-16x8-15-9-FC/APC

GP750 CHASSIS

Product Code
GP750 GP750 System

Chassis Height
4U 4U Rackmount

Module Access
FRONT Front Loading Chassis
REAR Rear Loading Chassis

CONTROL MODULE

Product Code
GP750 GP750 System

Chassis Height
4U 4U Rackmount

Module Access
CTRL Control Module
CTRL/E Control Module set to GP700 emulation mode

The CTRL/E option indicates the GP750 will be set to GP700 emulation mode. GP700 emulation mode can be turned on or off at anytime.

POWER MODULE

Product Code
GP750 GP750 System

Chassis Height
4U 4U Rackmount

Module Access
PWR Power Module
PWR/R Power Module for Remote Applications

The PWR option is for standard GP750 applications. With this option the GP750 will be turned on/off by pressing the soft power button on the control module.

The PWR/R option is intended for remote applications. With this option, the soft power button on the control module will be disabled, so that the GP750 can be powered on/off by either supplying or removing AC power.